

## IN THE ABSTRACT

Please amend the Abstract as follows. A clean replacement version of the Abstract is provided as the last page of this response. An Abstract showing changes made is included as part of the VERSION WITH MARKINGS TO SHOW CHANGES MADE.

On line 1 of the Abstract, please add --(Universal Serial Bus)-- immediately following "USB".

## IN THE CLAIMS

Please amend claims 1, 5, 6, 8, 12, 16 and 21-26 as follows. The remaining claims are included for the convenience of the Examiner. A set of claims showing changes made is included as part of the VERSION WITH MARKINGS TO SHOW CHANGES MADE.

*Handwritten: 1/26/01*

1. (Amended) A method of notifying clients of a specific change in a system comprising:

- a client requesting notification of the specific change in the system;
- detecting the specific change in the system; and
- notifying the client requesting notification that the specific change in the system occurred.

*Handwritten: C1*

2. (Unchanged) The method of claim 1 further comprising:

maintaining a list of requests for notification.

3. (Unchanged) The method of claim 1 further comprising:  
the client terminating a request for notification.

4. (Unchanged) The method of claim 2 further comprising:  
the client terminating a request for notification;  
and removing a request corresponding to the client from the list of requests for  
notification.

5. (Amended) The method of claim 1 wherein:  
the specific change in the system is connection of a device.

6. (Amended) The method of claim 1 wherein:  
the specific change in the system is disconnection of a device.

7. (Unchanged) The method of claim 1 wherein:  
said requesting includes the client supplying a callback routine; and  
said notifying includes executing the callback routine.

8. (Amended) A subsystem for notifying clients of a specific change in a system  
comprising:  
means for a client to request notification of the specific change in the system;  
means for detecting the specific change in the system; and  
means for notifying the client requesting notification that the specific change in  
the system occurred.

9. (Unchanged) The subsystem of claim 8 further comprising:  
means for maintaining a list of requests for notification.

10. (Unchanged) The subsystem of claim 9 further comprising:  
means for the client to terminate a request for notification; and  
means for removing a request corresponding to the client from the list of requests  
for notification.

11. (Unchanged) The subsystem of claim 10 further comprising:  
means for communication to the client; and  
wherein:  
the client supplies the means for communication; and  
the means for communication is utilized by the means for notifying.

12. (Amended) A machine-readable medium containing a plurality of executable  
instructions, which when executed on a processor cause said processor to perform a  
method of notifying clients of a specific change in a system, the method comprising:  
a client requesting notification of the specific change in the system;  
detecting the specific change in the system; and  
notifying the client requesting notification that the specific change in the system  
occurred.

13. (Unchanged) The machine-readable medium of claim 12 wherein the  
method further comprises:  
maintaining a list of requests for notification.

14. (Unchanged) The machine-readable medium of claim 13 wherein the

method further comprises:

the client terminating a request for notification;  
and removing a request corresponding to the client from the list of requests for notification.

15. (Unchanged) ~~The machine-readable medium of claim 14 wherein:~~

said requesting includes the client supplying a callback routine; and  
said notifying includes executing the callback routine.

16. (Amended) A system comprising:

a processor;  
a memory;  
a bus, the bus coupled to the processor, the bus coupled to the memory; and  
the processor processing a request by a client for notification of a specific change in the system, the processor detecting the specific change in the system, and the processor notifying the client that the specific change in the system has occurred.

17. (Unchanged) The system of claim 16 wherein:

the processor maintains a list of requests for notification.

18. (Unchanged) The system of claim 17 wherein:

the processor stores the list of requests in memory.

19. (Unchanged) The system of claim 17 wherein:

the processor processes the client's termination of a request for notification by removing a request corresponding to the client from the list of requests for notification.

20. (Unchanged) The system of claim 19 wherein:

the processor receives a callback routine from the client when the client requests notification and the processor notifies the client by executing the callback routine.

21. (Twice Amended) A method of notifying clients of a specific change in a Universal Serial Bus (USB) comprising:

a first client requesting notification of a first specific change in the USB;  
detecting the first specific change in the USB; and  
notifying the first client requesting notification that the first specific change in the USB occurred.

22. (Amended) The method of claim 21 wherein:

the first specific change is connection of a device to the USB;  
and further comprising:  
finding a driver suitable for use with the device.

23. (Amended) The method of claim 21 wherein:

the first specific change is disconnection of a device from the USB;  
and further comprising:  
deactivating a driver corresponding to the device.

24. (Amended) The method of claim 21 further comprising:

a second client requesting notification of a second specific change in the USB;  
detecting the second specific change in the USB; and  
notifying the second client requesting notification that the second specific change in the USB occurred.

25. (Amended) The method of claim 24 wherein:  
a change in the USB constitutes a first specific change and constitutes a second specific change.

26. (Amended) The method of claim 24 wherein:  
a change in the USB that constitutes a first specific change does not constitute a second specific change.